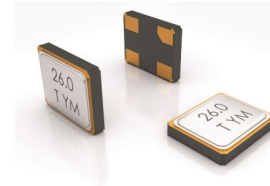


Metal Can Type Crystals M3225 Series

Features

- Reflow resistance type crystal units.
- Higher frequency pullability and lower equivalent series resistance.
- Lower cost and highly mass production capability.
- The best choice of TV, STB, LCDM and Cable Modem.
- RoHS Compliant / Pb Free.



Electrical Specifications	
Item / Type	M3225
Frequency Range	12 ~ 54 MHz
Frequency Tolerance (at 25°C)	±10 ppm, or specify
Frequency Stability Over Operating Temperature Range	±10 ppm, or specify
Operating Temperature Range	- 10 ~ + 60 °C , or specify
Shunt Capacitance (C0)	5 pF Max.
Drive Level	10 μW (100 μW MAX)
Load Capacitance	Series, 10 pF, 12 pF, 16 pF or specify
Aging (at 25°C)	3 ppm / year Max.
Storage Temperature Range	- 40 ~ + 90 °C

Equivalent Series Resistance (ESR)			
Fundamental		3rd Overtone	
10.000 ~ 15.999 MHz	100 Ω Max.	54.000 ~ 125 MHz	100 Ω Max
16.000 ~ 18.999 MHz	80 Ω Max.		
19.000 ~ 29.999 MHz	60 Ω Max.		
30.000 ~ 54.000 MHz	40 Ω Max.		

